

# TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

## REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROV. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 459 AMENDMENT	928-621-80-01-69	01

TASK TITLE: (NTE 80 characters; include Project name)

SLR2000 Telescope & Transceiver Prototype Development

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)		DATE	ORG CODE	MAIL CODE	PHONE
John J. Degnan		12/13/00	920.3	920.3	301-614-5860
BRANCH HEAD		DATE	CODE	PHONE	
John J. Degnan		12/13/00	920.3	301-614-5860	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE	PHONE	
Robert S. Lebar, Jr.		12/26/00	560	301-286-6588	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE		CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[X] NO [ ] YES				N/A	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:  
Date: JAN 2 2001

Contractor will develop specification or statement of work under this task for a future procurement. [X] No [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [ ] No [ ] YES [X] N/A

Government Furnished Property/Facilities: [ ] No [X] YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [X] NO [ ] YES If yes: [ ] TOTAL [ ] Partial  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: [X] No [ ] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

### INCENTIVE FEE STRUCTURE

(check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ \_\_\_\_\_.

The target fee of this task order is \$ \_\_\_\_\_.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ \_\_\_\_\_.

The maximum fee is \$ \_\_\_\_\_.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

SIGNATURE OF CONTRACTING OFFICER

DATE

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	459	

Applicable paragraphs from contract Statement of Work: Function 2D, 2E

**BACKGROUND:**

The Satellite Laser Ranging, SLR2000, system is an automated satellite tracking ground station under prototype development at GSFC. Two critical components of the system are the 18" Off-Axis Cassegrain Telescope and the Transmit/Receive optics. This effort was begun under the EDISS contract, NAS5-32539.

**STATEMENT OF WORK:**

The contractor shall provide scientific and engineering services for the development and delivery of the SLR2000 Telescope and Transceiver system. These services include:

1. Attending SLR2000 project meetings and related meetings as appropriate;
2. Optical, mechanical, and electrical design, development and modeling;
3. Hardware fabrication, procurement, assembly and testing; and
4. Generation of design documentation and test reports.

**PERFORMANCE SPECIFICATIONS:**

Prior to delivery, technical performance will be based on thoroughness and completeness of periodic progress reports and presentations at project status meetings. Acceptable performance is indicated by the satisfaction of the ATR that the material reflects the proper level of technical expertise and meets the objectives of the activity.

Management performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention. Report to include: (1) summary of monthly progress; (2) plans for next month; (3) problems; (4) issues; and (5) resolution of problems/issues.

**APPLICABLE DOCUMENTS:**

None.

**TASK END DATE:** 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

1. Complete Telescope Final Assembly and Tests: due January 31, 2001
2. Deliver Telescope to GGAO: due after February 1, 2001, within 10 days from ATR's request for shipment
3. Complete Transceiver Final Assembly and Tests: due April 15, 2001
4. Deliver Transceiver to GGAO: due after April 16, 2001, within 10 days from ATR's request for shipment
5. Design Documentation and Test Reports: due 30 days after hardware delivery
6. Technical Progress Report: due monthly, 15th of each month

**PERFORMANCE STANDARDS:**

- Schedule:** On-time delivery/completion of the deliverables/milestones  
**Technical:** ATR's acceptance of the above

**NAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**